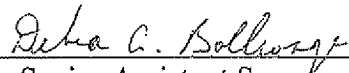


**MERCK & CO. INC.**

**CERTIFICATION**

I, Debra A. Bollwage, Senior Assistant Secretary of Merck & Co., Inc. (the "Company"), a corporation duly organized and existing under the laws of the State of New Jersey, do hereby certify that the attached, presently in full force and effect, is a true and correct copy of General Corporate Resolution #5, Patent Matters, as amended by Unanimous Written Consent of the Board of Directors of said Company on April 28, 2009.

IN WITNESS WHEREOF, I have hereunto subscribed my signature and affixed the seal of the Company this 3<sup>rd</sup> day of June 2009.

  
\_\_\_\_\_  
Senior Assistant Secretary

(SEAL)

**General Corporate Resolution #5**

**PATENT MATTERS**

RESOLVED, that any of the following:

Richard T. Clark—Chairman, President and Chief Executive Officer  
Bruce N. Kuhlik—Executive Vice President and General Counsel  
Paul D. Matukaitis—Vice President and Assistant General Counsel  
Edward W. Murray—Managing Counsel, IP Litigation  
Gerard M. Devlin—Counsel, IP Litigation  
Valerie J. Camara—Managing Counsel, Patents  
Mark R. Daniel—Managing Counsel, Patents  
Catherine D. Fitch—Managing Counsel, Patents  
Sheldon O. Heber—Managing Counsel, Patents  
William Krovatin—Managing Counsel, Patents  
David A. Muthard—Managing Counsel, Patents  
Anthony Rollins—Managing Counsel, European Patents  
Edward M. Yoshida—Managing Counsel, Rosetta Inpharmatics  
Charles M. Caruso—Counsel, International  
Peter Haeberli—Assistant Counsel, Sirna Therapeutics, Inc.  
Kenichi Osawa—Senior Director, Banyu Patent and Trademark Group  
Donna L. Margiotto—Senior Manager, Patent Administration

are authorized to execute and to revoke on behalf of Merck & Co., Inc. and its affiliates (including subsidiaries) the following documents relating to patent matters:

Powers of attorney as fully in law as may be necessary and proper in connection with the acquisition, registration, maintenance and enforcement of patents and applications for patents, including powers of attorney relating to the prosecution or defense of patent rights before courts of law or other governmental tribunals, agencies or departments; affidavits and declarations; and any other documents which are necessary and proper for the acquisition, registration, maintenance, litigation and protection of patents.

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